

**Anchorage: Traffic Control Signalization**

**FY2008 Request:** \$250,000  
**Reference No:** 39107

**AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Anchorage Areawide**Contact:** John MacKinnon**House District:** Anchorage Areawide**Contact Phone:** (907)465-6973**Estimated Project Dates:** 07/01/2007 - 06/30/2010**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

Program would provide efficiencies with better/more updated signal timing to address intersection congestion and improving air quality. Existing corridor timing plans will be evaluated and refined. Funding will also support development of a Traffic Management Center. The revised timing plans will include emergency vehicle pre-emption where appropriate and possibly corporate transit priority. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	Total
Fed Rcpts	\$250,000						\$250,000
Total:	\$250,000	\$0	\$0	\$0	\$0	\$0	\$250,000

☐ State Match Required   
 ☐ One-Time Project   
 ☐ Phased - new   
 ☒ Phased - underway   
 ☐ On-Going  
 0% = Minimum State Match % Required   
 ☐ Amendment   
 ☐ Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

**Additional Information / Prior Funding History:**

FY2007 - \$60,000; FY2006 - \$440,000; FY2005 - \$300,000. Per the Department's cost sharing policy, the community must provide the match for this project.

**Project Description/Justification:**

The program would provide needed funding to be more proactive in the Municipality of Anchorage's (MOA's) efforts to improve the efficiency of their system with better/more updated signal timing plans. Improving signal timing is often one of the most cost efficient means of improving air quality by reducing congestion. As the number of signals has increased the need for better traffic signal coordination has increased. This program will allow a more proactive evaluation of traffic corridors to improve flow. Decreased congestion will improve the signal operations and response time for both emergency vehicles and transit. Signal pre-emption and priority capabilities will also be evaluated. The Municipality is working with the Anchorage Fire Department to expand locations where emergency pre-emption is installed and activated. If instituted, transit priority may allow transit vehicles to more consistently maintain their schedule when faced with uncommon traffic incidents causing delay. Traffic signal priority capabilities could allow buses to minimally alter the signal timing for a cycle and move through intersections more efficiently.